

Amendments to the Claims:

Please add new claims 26-51 as shown in the following listing of claims. This listing of claims will replace all previous listings and versions of claims in the application.

1-9. (cancelled)

10. (previously presented) A transceiver for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is operable to enable the wireless network device to participate as a master device on the radio network.

11. (previously presented) The transceiver of claim 10 wherein the communication system further comprises a main communication network and wherein the transceiver is capable of communicating with the main communication network.

12. (previously presented) The transceiver of claim 11 further comprising a processor operable to control the communications of the radio unit with the radio network and capable of communicating with the main communication network.

13. (previously presented) The transceiver of claim 11 wherein the wireless network device is operable to participate as a slave on the main communication network.

14. (previously presented) The transceiver of claim 11 wherein the main communication network comprises a wired communication network.

15. (previously presented) The transceiver of claim 11 wherein the main communication network comprises a wireless communication network.

16. (previously presented) The transceiver of claim 10 wherein the transceiver comprises an integrated circuit.

17. (previously presented) The transceiver of claim 10 wherein the wireless network device is sized to be held by a user.

18. (previously presented) A transceiver for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is operable to enable the mobile network device to participate as a master device on the radio network.

19. (previously presented) The transceiver of claim 18 wherein the communication system further comprises a main communication network and wherein the transceiver is capable of communicating with the main communication network.

20. (previously presented) The transceiver of claim 19 further comprising a processor operable to control the communications of the radio unit with the radio network and capable of communicating with the main communication network.

21. (previously presented) The transceiver of claim 19 wherein the mobile network device is operable to participate as a slave on the main communication network.

22. (previously presented) The transceiver of claim 19 wherein the main communication network comprises a wired communication network.

23. (previously presented) The transceiver of claim 19 wherein the main communication network comprises a wireless communication network.

24. (previously presented) The transceiver of claim 18 wherein the transceiver comprises an integrated circuit.

25. (previously presented) The transceiver of claim 18 wherein the mobile network device is sized to be held by a user.

26. (new) The transceiver of claim 10 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device participating on the radio network.

27. (new) The transceiver of claim 10 wherein the transceiver enables the wireless network device to synchronize communications of a second wireless network device participating on the radio network.

28. (new) The transceiver of claim 10 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network.

29. (new) The transceiver of claim 15 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

30. (new) The transceiver of claim 15 wherein the transceiver enables the wireless network device to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

31. (new) The transceiver of claim 10 wherein the radio unit is configured to communicate with

the radio network using spread spectrum signals.

32. (new) The transceiver of claim 18 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device participating on the radio network.

33. (new) The transceiver of claim 18 wherein the transceiver enables the wireless network device to synchronize communications of a second wireless network device participating on the radio network.

34. (new) The transceiver of claim 18 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network.

35. (new) The transceiver of claim 23 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

36. (new) The transceiver of claim 23 wherein the transceiver enables the wireless network device to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

37. (new) The transceiver of claim 18 wherein the radio unit is configured to communicate with the radio network using spread spectrum signals.

38. (new) A wireless network device for operating in a communication system that includes a radio network, the device comprising:

transmit circuitry configured to transmit signals on the radio network; and

receive circuitry configured to receive signals from the radio network;
wherein the device is operable to participate as a master device on the radio network.

39. (new) The device of claim 38 wherein the communication system further comprises a main communication network and wherein the device is capable of communicating with the main communication network.

40. (new) The device of claim 39 further comprising a processor operable to control the communications of the transmit and receive circuitry with the radio network and capable of communicating with the main communication network.

41. (new) The device of claim 39 wherein the device is operable to participate as a slave on the main communication network.

42. (new) The device of claim 39 wherein the main communication network comprises a wired communication network.

43. (new) The device of claim 39 wherein the main communication network comprises a wireless communication network.

44. (new) The device of claim 38 wherein the device is an integrated circuit.

45. (new) The device of claim 38 wherein the device is operable to manage communications of a second wireless network device participating on the radio network.

46. (new) The device of claim 38 wherein the device is operable to synchronize communications of a second wireless network device participating on the radio network.

47. (new) The device of claim 38 wherein the device is operable to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network.

48. (new) The device of claim 43 wherein the device is operable to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

49. (new) The device of claim 43 wherein the device is operable to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

50. (new) The device of claim 38 wherein the device comprises a PCMCIA card containing the transmit circuitry and the receive circuitry.

51. (new) The device of claim 38 wherein the transmit circuitry is configured to transmit spread spectrum signals on the radio network and the receive circuitry is configured to receive spread spectrum signals from the radio network.